Nichols et al. Date of Patent: Dec. 11, 1990 [45] [54] LACTOFERRIN AS A DIETARY [56] References Cited INGREDIENT PROMOTING THE GROWTH U.S. PATENT DOCUMENTS OF THE GASTROINTESTINAL TRACT 4,668,771 5/1987 Kawakami et al. ..... 530/366 4,726,948 2/1988 Prieels et al. ...... 424/94.4 [75] Inventors: Buford L. Nichols; Kathryn S. McKee, both of Houston, Tex. Primary Examiner-Jacqueline Stone Attorney, Agent, or Firm-Fulbright & Jaworski [73] Assignee: Baylor College of Medicine, Houston, ABSTRACT [57] Tex. Disclosed is milk lactoferrin as a dietary ingredient [21] Appl. No.: 57,562 which promotes growth of the gastrointestinal tract of human infants and newborn nonhuman animals immedi-Jun. 3, 1987 [22] Filed: ately on birth when added to an infant formula or given separately as a dietary supplement thus reducing [51] Int. Cl.<sup>5</sup> ...... A61K 37/14; A61K 37/02; chronic diarrhea, assisting in the management of short A23L 1/305 [52] U.S. CI. ...... 514/6; 514/21; gut syndrome, and avoiding, at least to some extent, chronic intractable diarrhea of the infant. 514/867; 426/74; 426/801

[11]

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[58] Field of Search ...... 514/21, 6, 867; 426/74,